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FEB 2 4 2003

510(k) SUMMARY

A. Submitter Information:

Submitter:	MEDCOMP® 1499 Delp Drive Harleysville, PA 19438 (215) 256-4201 Telephone (215) 256-1787 Fax
Contact:	Florence A. Caikoski
Date Prepared:	November 19, 2002

B. Trade Name: Medcomp SC4
Common Name: Hemodialysis Catheter, Implanted
Classification: 78 MSD
C.F.R. Section: 876.5540

C. Predicate Device: K020465 Medcomp Ash Split-Cath™ II
K971925 Medcomp Bio-Flex™ CS

D. Device Description:

The Medcomp SC4 is a 16F polyurethane, double lumen catheter used to remove and return blood through two-segregated lumen passages. Both lumens are "D" shaped, tapered at the distal tip, each with a series of side holes. The distal venous lumen extends beyond the arterial lumen to reduce recirculation. The fixed polyester cuff allows for tissue ingrowth for long term placement. A removable suture wing hub is provided for securing the catheter after initial placement.

The arterial and venous lumens are designed to be split, or peeled apart, prior to insertion to provide two free-floating lumens within the vessel. After the catheter has been positioned the catheter lumens can be trimmed and an extension set is assembled on the proximal end of the catheter. Red and blue luer connectors and clamps identify the arterial and venous extensions set. Priming volume information is printed on the catheter lumen.

E. Intended Use:

The Medcomp SC4 is indicated for use in attaining long-term vascular access for hemodialysis and apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion site is the subclavian vein.

Catheters greater than 40cm are intended for femoral vein insertion.

The SC4 Extension Set is intended to repair the SC4 Hemodialysis Catheter.

F. Comparison to Predicate Device:

The technological characteristics of the Medcomp SC4 are substantially equivalent to the predicate devices in terms of intended use, materials, design, insertion method, anatomical location, performance, labeling, manufacturing process, and method of sterilization.

G. Performance Data:

In-vitro performance data for the Medcomp SC4, including tensile strength, joint strength, leakage, recirculation, flow performance, and lumen peel demonstrate that this device is substantially equivalent to the legally marketed predicate devices.

Clinical data was not deemed necessary since substantial equivalence is addressed by way of comparison to a legally marketed device.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

FEB 2 4 2003

Ms. Florence A. Caikoski
Regulatory Affairs Associate
MedCOMP®
1499 Delp Drive
HARLEYSVILLE PA 19438

Re: K022678
Trade/Device Name: MedCOMP 16F Split-Stream SC4 Hemodialysis Catheters; 24, 28, 32, 36, and 55cm and Repair Kit
Regulation Number: 21 CFR §876.5540
Regulation Name: Blood access device and accessories
Regulatory Class: III
Product Code: 78 MSD
Regulatory Class: II
Product Code: 78 NFK
Dated: December 6, 2002
Received: December 9, 2002

Dear Ms. Caikoski:

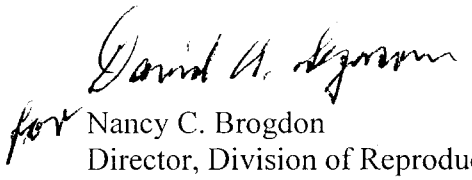
We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. However, you are responsible to determine that the medical devices you use as components in the kit have either been determined as substantially equivalent under the premarket notification process (Section 510(k) of the act), or were legally on the market prior to May 28, 1976, the enactment date of the Medical Device Amendments. *Please note:* If you purchase your device components in bulk (i.e., unfinished) and further process (e.g., sterilize) you must submit a new 510(k) before including these components in your kit. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, and labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration (21 CFR Part 807); listing (21 CFR Part 807), labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market. If you desire specific advice for your device on the labeling regulation, please contact the Office of Compliance at (301) 594-4616. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll free number (800) 638-2041 or (301) 443-6597, or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html.

Sincerely yours,



for Nancy C. Brogdon
Director, Division of Reproductive,
Abdominal, and Radiological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

INDICATIONS FOR USE

510(k) Number: K022678

Device Name: MEDCOMP SC4 HEMODIALYSIS CATHETER

Indications for use:

THE MEDCOMP SC4 HEMODIALYSIS CATHETER IS INDICATED FOR USE IN ATTAINING LONG-TERM VASCULAR ACCESS FOR HEMODIALYSIS AND APHERESIS.

IT MAY BE INSERTED PERCUTANEOUSLY AND IS PRIMARILY PLACED IN THE INTERNAL JUGULAR VEIN. ALTERNATE INSERTION SITES INCLUDE THE SUBCLAVIAN VEIN.

CATHETERS GREATER THAN 40CM ARE INTENDED FOR FEMORAL VEIN INSERTION.

THE SC4 EXTENSION SET IS INTENDED TO REPAIR THE SC4 HEMODIALYSIS CATHETER.

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use L OR Over-The-Counter _____
(Per 21 CFR 801.109)

(Division Sign-Off)
Division of Reproductive, Abdominal,
and Radiological Devices
510(k) Number K022678

(Optional Format 1-2-96)